



# ENTERED

DATE: 02/20/2003

TIME: 14:28:19

### RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/686,234D

Input Set : A:\s93,994rev.ST25.txt

Output Set: N:\CRF4\02202003\I686234D.raw

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3 <110> APPLICANT: Sommervile, Chris
         Schieble, Wolf
 6 <120> TITLE OF INVENTION: Modified Cellulose Synthase Gene from Arabidopsis Thaliana
         Confers Herbicide Resistance to Plant
 9 <130> FILE REFERENCE: s-93,994
11 <140> CURRENT APPLICATION NUMBER: US 09/686,234D
12 <141> CURRENT FILING DATE: 2000-10-11
14 <160> NUMBER OF SEQ ID NOS: 27
16 <170> SOFTWARE: PatentIn version 3.2
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 3563
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial
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24 <223> OTHER INFORMATION: IXR-1-1 mutant
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31 gatttgaact attccgacgt ttcggtgttg gaagcaacta agtgacaaat ggaatccgaa
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33 ggggaaaccg cgggaaagcc gatgaagaac attgttccgc agacttgcca gatctgtagt
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41 gatggcttag ctgatgaagg tactgttgag ttcaactacc ctcagaagga gaaaatttca
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69 gttgactacc cagttgacaa ggtgtcctgt tatgtttttg atgatggtgc tgctatgtta
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71 tcatttgaat cacttgcaga aacatcagag tttgctcgta aatgggtacc attttgcaag
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73 aaatatagca tagagcctcg tgcaccagaa tggtactttg ctgcgaaaat agattacttg
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75 aaggataaag ttcagacatc atttgtcaaa gatcgtagag ctatgaagag ggaatatgag
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77 gaatttaaaa toogaatcaa tgoacttgtt tooaaagcoo taaaatgtoo tgaagaaggg
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79 tgggttatgc aagatggcac accgtggcct ggaaataata caggggacca tccaggaatg

1620

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81 atccaggtct tcttagggca aaatggtgga cttgatgcag agggcaatga gctcccgcgt	1680
83 ttggtatatg tttctcgaga aaagcgacca ggattccagc accacaaaaa ggctggtgct	1740
85 atgaatgcac tggtgagagt ttcagcagtt cttaccaatg gacctttcat cttgaatctt	1800
87 gattgtgatc attacataaa taacagcaaa gccttaagag aagcaatgtg cttcctgatg	1860
89 gacccaaacc tcgggaagca agtttgttat gttcagttcc cacaaagatt tgatggtatc	1920
91 gataagaacg atagatatgc taatcgtaat accgtgttct ttgatattaa cttgagaggt	1980
93 ttagatggga ttcaaggacc tgtatatgtc ggaactggat gtgttttcaa cagaacagca	2040
95 ttatacggtt atgaacctcc aataaaagta aaacacaaga agccaagtct tttatctaag	2100
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117 cctatcacct ccattcctct tctcatgtat tgtacattgc tagccgtttg tctcttcacc	2760
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179	aagcgccttc	cctattcatc	agatgtcaat	caatcaccaa	atagaaggat	tgtggatcct	720
181	gttggactcg	ggaatgtagc	ttggaaggag	agagttgatg	gctggaaaat	gaagcaagag	780
			cacgcaggct				840
			agatgaggct			-	900
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			cttcttgcat				1020
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			tcctgtgaac				1140
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	_		taatcgtaat				1980
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			aataaaagta				2160
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			tgtttttgtt				2340
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			gggaatggag				2460
			aatgcatgcc				2520
			ttctgctcct				2580
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			tctcatgtat				2760
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			tttacctgtt				3420
271	ttatttttca	ttgttttatt	tgttcacttt	tttacttttg	ttgtgtgtat	ctgtctgttc	3480
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Input Set : A:\s93,994rev.ST25.txt

Output Set: N:\CRF4\02202003\I686234D.raw

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/20/2003 PATENT APPLICATION: US/09/686,234D TIME: 14:28:20

Input Set : A:\s93,994rev.ST25.txt

Output Set: N:\CRF4\02202003\I686234D.raw

## Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

VERIFICATION SUMMARY

DATE: 02/20/2003 TIME: 14:28:20

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Input Set : A:\s93,994rev.ST25.txt

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